

Message Text

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COMMERCE, OFFICE OF EXPORT DEVELOPMENT

BRUSSELS, FAA FOR BOWLING

E.O. 11652: N/A
TAGS: BEXP, EAIR, AU
SUBJECT: MAJOR PROJECT: JOINT CIVIL/MILITARY AUTOMATED AIR TRAFFIC
CONTROL AND AIR SPACE SURVEILLANCE SYSTEM
(PROGRESS REPORT)

REF: VIENNA 2251, 4598, 6650.

1. BEGIN UNCLASSIFIED. SUMMARY. PLANNING AND PREPARATORY
WORK ON JOINT CIVIL/MILITARY AIR TRAFFIC CONTROL AND AIR
SURVEILLANCE SYSTEM WELL ADVANCED. TENDER ON 2D/L-BAND
RADAR EQUIPMENT UNDERWAY; BID DEADLINE IS JANUARY 27, 1977.
TENDER DOCUMENTATION ON DISPLAY SYSTEMS AND COMPUTERS
(HARDWARE AND SOFTWARE) UNDER PREPARATION; INVITATIONS FOR
BIDS TO BE ISSUED APRIL 1 AND MAY 1, 1977, RESPECTIVELY.

2. THE PROJECT.
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(A) AS REPORTED IN VIENNA 2251, PROJECT PROVIDES
FOR ESTABLISHMENT OF A LONG-RANGE RADAR STATION SOUTH
AT KORALPE IN CARINTHIA (TO SUPPLEMENT RADAR STATIONS
WEST (KOHLEBERG) AND EAST (BUSCHBERG)); ESTABLISHMENT OF
A CIVILIAN AIR TRAFFIC CONTROL CENTER WITH CERTAIN AIR

DEFENSE RADAR DATA PROCESSING CAPABILITY AND PARALLEL THERETO, OF AN AIR DEFENSE CONTROL CENTER PERFORMING MILITARY FUNCTIONS, EXCLUSIVELY. CIVILIAN RADAR DATA PROCESSING CENTER WILL RECEIVE INFORMATION FROM BOTH EXISTING AND PROJECTED 2D/L-BAND AND 3D-S-BAND RADARS.

(B) DATA PROCESSING AT CIVILIAN CONTROL CENTER WILL BE HANDLED ACCORDING TO "DISTRIBUTED PROCESSING" PRINCIPLE, I.E., USE OF SEVERAL SMALL COMPUTER UNITS (AT RADAR SITE AS WELL AS AT CENTER) PROGRAMMED FOR SPECIFIC FUNCTIONS, RATHER THAN A SINGLE LARGE COMPUTER COMPLEX AT CENTER. THIS CONCEPT, DEVELOPED BY FEDERAL CIVIL AVIATION OFFICE JOINTLY WITH A TEAM OF EXPERTS FROM THE NATIONALIZED ELIN COMPANY, IS EXPECTED TO RESULT IN COST SAVINGS.

(C) WHILE CIVILIAN AND MILITARY AIDES HAVE AGREED TO PROCEED ACCORDING TO JOINT PLANNING AND IN CONCURRENCE WITH EACH OTHER, BOTH SIDES ARE FREE TO SELECT ANY EQUIPMENT THEY LIKE AS LONG AS IT IS MUTUALLY COMPATIBLE, THE ONE EXCEPTION BEING DISPLAY SYSTEMS WHERE THE SAME TYPE OF EQUIPMENT MUST BE USED.

3. STATUS OF INDIVIDUAL PROJECT ELEMENTS.

(A) RADAR STATION SOUTH. EARTH-MOVING WORK AND CONSTRUCTION OF ACCESS ROAD AND POWER SUPPLY LINES COMPLETED; ACTUAL CONSTRUCTION WORK ON STATION TO BE STARTED IMMEDIATELY AFTER SNOWMELT IN 1977. BIDS ON 2D/L-BAND RADAR UNDERWAY, WITH BID DEADLINE JANUARY 27, 1977. FOLLOWING US FIRMS INDICATED THEIR INTEREST AND LIMITED OFFICIAL USE

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WERE INVITED: WESTINGHOUSE, BENDIX, RAYTHEON, ITT (GILFILLAN). WE CONTINUE TO BELIEVE S FIRMS HAVE GOOD CHANCE ON L-BAND RADAR, BUT FEEL THAT SELENIA, WHICH WON CONTACT FOR MOBILE 3D/SS-BAND RADARS, HAS BEST PROSPECTS FOR FIXED 3D/S-BAND RADAR AT KORALPE. WILLINGNESS TO PROVIDE SOME LOCAL OFFSET WILL, IN OUR VIEW, BE A FACTOR WHICH GOA WILL WEIGH HEAVILY IN REVIEWING BIDS.

(B) CIVILIAN AIR TRAFFIC CONTROL/RADAR DATA PROCESSING CENTER. SITE PREPARATION (CENTER WILL BE LOCATED IN IMMEDIATE VICINITY OF FEDERAL CIVIL AVIATION OFFICE) STARTED THIS MONTH. CONSTRUCTION WORK IS SCHEDULED TO BE COMPLETED BY END OF 1979 SO THAT INSTALLATION OF COMPUTER HARDWARE MAY BE EXPECTED TO START AT BEGINNING OF 1980. CENTER SCHEDULED TO GO INTO OPERATION IN 1981 AND WILL OPERATE PARALLEL TO VIENNA/SCHWECHAT AIR TRAFFIC CONTROL CENTER FOR PERIOD OF ONE YEAR BEFORE FINALLY TAKING OVER FULL RESPONSIBILITY FOR OPERATION.

(C) DISPLAY SYSTEM. FEDERAL MINISTRY OF DEFENSE AND

FEDERAL CIVIL AVIATION OFFICE JOINTLY INVITED LARGE NUMBER OF FOREIGN COMPANIES TO PROVIDE THEM WITH PRODUCT INFORMATION INCLUDING PRICES.

(D) COMPUTERS (HARDWARE AND SOFTWARE). TENDER DOCUMENTATION CURRENTLY UNDER PREPARATION. SEPARATE TENDERS WILL BE ISSUED BY CIVILIAN AND MILITARY AUTHORITIES. AIR DEFENSE OFFICIALS ALREADY USING RENTED IBM COMPUTER AND MAY BE EXPECTED TO RELY ON IBM IN FUTURE AS WELL.

4. ANTICIPATED DATE OF TENDER NOTICES.

(A) DISPLAY SYSTEM: APRIL 1, 1977, MOST LIKELY JOINT CIVILIAN/MILITARY TENDER. IN VIEW OF LARGE NUMBER OF UNITS (ABOUT 30) INVOLVED, DISCOUNTS ARE EXPECTED.

(B) ELECTRONIC DATA PROCESSING EQUIPMENT (HARDWARE AND SOFTWARE): CIVILIAN TENDER WILL BE ISSUED MAY 1, 1977. A 4 TO 6 MONTHS BID DEADLINE IS ENVISAGED.

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5. FORM OF TENDER ISSUANCE. AS IN CASE OF FOREIGN SUPPLIERS, SELECTED DIPLOMATIC MISSIONS WILL BE ASKED FOR NAMES AND ADDRESSES OF MANUFACTURERS AND THEIR AUSTRIAN REPRESENTATIVES, IF ANY. END UNCLASSIFIED.

6 BEGIN LOU. WESTINGHOUSE VISIT. JIM BRADLEY OF WESTINGHOUSE (BONN) BRIEFED EMBOFFS ON NOVEMBER 15 MEETING WITH GOA CIVIL AVIATION OFFICIALS AND WAS QUITE OPTIMISTIC ON WESTINGHOUSE PROSPECTS FOR 2D/L-BAND EQUIPMENT. HE MENTIONED THAT CIVIL AIR AUTHORITIES ASKED ABOUT POSSIBILITY OF GETTING "BOX" OF ELECTRONIC COUNTERMEASURE (ECCM) FEATURES TO GO ALONG WITH CIVILIAN RADARS. BRADLEY TOLD THEM THIS NOT POSSIBLE, BUT THAT WESTINGHOUSE RADARS HAD SOME ECCM ELEMENTS BUILT IN SUCH AS MOVING TARGET INDICATOR AND MOVABLE FREQUENCY. BRADLEY LAID LOSS TO SILENIA ON MOBILE S-BAND RADARS TO "ECONOMIC-POLITICAL" RATHER THAN TECHNICAL FACTORS AND SAID THAT THE ITALIANS HAD OFFERED EXTENSIVE OFFSET. END LOU. BUCHANAN

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